

CR-5

(DC-1528)

Automation of Translation From One Language
to Another, by D. Yu. Panov, A. A. Iyapurov,
I. S. Kukhin, 36 pp. UNCLASSIFIED

RUSSIAN, irreg pamphlet, Avtomatizatsiya
Perevoda s Odnogo Yazyka na Drugoy, Moscow,
1956, pp 1-35.

US JPRS/DC-359

L20 Bul

apri 57
78,580

Sci - Engr

Jan 59

(NY-3000/4).

Toward Broad Automation of Chemical Production, 7 pp.

RUSSIAN, per, Avtomatizatsiya Proizvodstva, No 5,
1959, pp 3-5.

JPRS-1962-N

USSR

Econ - Tech; Industry

Nov 59

101, 576

(NY-3000/7).

The Prospects for Automation in the Chemical Industry, by G. N. Kirikov, 12 pp.

RUSSIAN, per, Avtomat Proiz, 1959, pp 14-24.

JPRS 2404

USSR

Econ - Technological - USSR Industry
Apr 60

112,853

S-73/64
Automatic Teaching Form. (DC-10221)

RUSSIAN, bk, Avtomatizatsiya Proizvodstva i
Promyshlenniya Elektronika, 2, 1963, pp 406-~~8~~407.

*JPRS

Sci - Misc
Jan 64

~~Teaching Machine and Memorizer~~

The Teaching Machine, by G. Pask, T. I. Rostunov, 12 pp,
RUSSIAN, bk, Avtomatizatsiya Proizvodstva i Promyshlennaya Elektronika, Vol II, 1963.

JPRS 23385

Sci-Misc
Mar 64

251,637

S-73/64

Teaching Complex. (DC-10221)

RUSSIAN, bk, Avtomatizatsiya i Proizvodstva i
Promyshlenniya Elektronika, 2, 1963, pp 407-408.

*JPRS

Sci - Misc

Jan 64

Automation of Production Processes, by V. L.
Lossyevskiy, 177 pp.

RUSSIAN, bk, Avtomatizatsiya proizvodvannykh
protseessov, USSR Acad of Sci, 1958.

*Pergamon Inst

May 59

(NY-5891)

The Current Level of Automation of Production Processes in the Iron and Steel Industries of the USSR and Abroad, by I. V. Abramov, A. B. Chelyustkin, A. P. Kopelovich, 11 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh Protsessov v Chernoy i Tsvetnoy Metallurgii, 1959, pp 5-15.

JPRS 9054

150,767

Sci - Min/Metals
May 61

(NY-5891)

Automation of Open-Hearth Production, 8 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov v Chernoy i Tsvetnoy Metallurgii,
1959, pp 18-25.

JPRS 9054

Sci - Min/Metals

May 61

150,768

(NY-5891)

Automation of Rolling-Mill Production in the
USSR, 24 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov v Chernoy i Tsvetnoy Metallurgii,
1959, pp 33-53.

JPRS 9054

Sci - Min/Metals

May 61

150,769

(NY-5891)

The Contemporary Level of Automation in the
Nonferrous Metallurgical Industries, by I. V.
Abramov, I. K. Bronshteyn, A. K. Abadash'yan,
33 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov v Chernoy i Tsvetnoy Metallurgii,
1959, pp 77-106.

JPRS 9054

Sci - Min/Metals

150,770

May 61

(NY-5891)

The Status of Work in the USSR, 11 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov v Chernoy i Tsvetnoy Metallurgii,
1959, pp 120-129.

JPRS 9054

Sci - Min/Metals

May 61

150,771

Automation of Production Process in Machine
Construction, by G.A. Shayumyan.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov v Mashinostroyeni, 1958, pp 81-93;
106-110. CIA 9660732

ATIC MCL 449

Sci - Engr

May 61

152,583

Determination of the Rational Sequence and Amount
of Automation in Production Processes, by
V. L. Lossievskiy. ~~INCL~~

(143)
RUSSIAN, per, Avtom Proiz Protsessov, No 2, 1958,
pp 83-93.

LIJ Tr Bul Aug 1959

USSR
Econ
Aug 59

95, 810

(DC-6594)

XX The Principles of Automating Discrete
Technical Processes, by S. I. Artobolevskiy,
58 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov, No 3, 1960, pp 3-43.

JPRS 13227

Sci - Engr
Apr 62

190,554

(DC-6594)

u

The Capital and Operating Costs Incurred by the
Control and Measuring Instruments and Automatic
Devices Shops in Automating Production, by
L. P. Strelkova, 12 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov, No 3, 1960, pp 90-96.

JPRS 13227

190,555

USSR

Econ

p. 52

(DC-6594)

The Training of Engineering Personnel in the
Automation of Production Processes, by
V. L. ~~KH~~ Loosiyevskiy, 6 pp.

RUSSIAN, bk, Avtomatizatsiya Proizvodstvennykh
Protsessov, No 3, 1960, pp 97-101.

JPRS 13227

USSR
Econ
Apr 62

190,556

1-21, 1960, 101
Vol 570, 101

Automation of Blast Furnace Processes by
Means of Computers, by P. S. Bondarenko,
128 pp.

RUSSIAN, bk, Avtomatizatsiya Protsessov
Dommnogo Proizvodstva s Primeneniyem Schetno-
Reshayushchikh Ustroystv, Moscow-Leningrad,
No 20, 1960, pp 1-144.

JPRS 16355

Sci - Engr

Nov 62

217,773

On the Problems of the State Committee for Auto-
mization and Machine Building, by A. I. Kostousov, 151p

RUSSIAN, bk, Avtomatizatsiya Protsessov Mashino-
stroyeniye, Tom i, Obshchiye Voprosy i Sredstva
Avtomatizatsii, IZD-VO Ak Nauk SSSR, Moscow, 1962,
pp 7-13. 7-13

*FTD-MT-63-62

Sci-Engr
May 63

Scheme for Combining the Automation of Hot
Deformation and Heat Treatment, by V. T. Chirikov.
RUSSIAN, ~~part~~; Avtomatizatsiya Protsessov
Mashinostroyeniya Ak Nauk SSSR, Vol II, 1962,
pp 152-157.
BISI 3700

Sci - Engr
Jun 64

261,137

Mechanization and Automation of Gas Turbine
Engine Blade Manufacture, by V.A. Maksimov.

14 pp.

RUSSIAN, bk, Avtomatizatsiya Protsessov Mash-
inostroyeniya. Obrabotka Rezanym Uproch-
neniye i Sbornik, Vol 3, 1963, pp 85-90.

FTD-TT-65-1492

9700311

Sci/Engineering
May 66

300,525

(DC-5393)

Automation of Reversing Primary Mills, by A. V.
Chelyust^Win, 14 pp.

k

RUSSIAN, rpt, Avtomatizatsiya Reversivnykh Obzhimnykh Stanov, pp 1-8.

JPRS 8925

171, 677

Sci - Engr
Oct 61

Automation Today and Tomorrow, 55 pp. POST EDITED

RUSSIAN, bk, Avtomatizatsiya Segodnya i Zavtra,
Moscow, 1963, pp 1-40. 9695356

FTD-MT-64-188
GOV'T USE ONLY

Sci - Engr
Dec 64

269,678

Automation of Technological Processes in Machine
Construction, by V. L. Dikushin, 236 pp. (ID 2035318)
UNCLASSIFIED

RUSSIAN, bk, Avtomatizatsiya Tekhnologicheskikh
Protsessov v Mashinostroyeniy, 1956, Encl 21 to
R-330-56, OARMA, Moscow.

ACSI, G-8583

USSR
Econ
Sci - Engr

Jun 58

65,747

X ACTIVE INSPECTION ON MODERNIZED MACHIKNE
TOOLS, BY V. G. KOROBYENIKOV, B. A. ~~SAKSHAK~~
SAK-SHAK, ET AL, 50 PP.

RUSSIAN, BK, AVTOMATIZATSIYA UNIVERSAL'NYKH
METALLOREZHUSHCHIKH STANKOV, 1960, PP 119-139,
146-158. 9665781

FTD-TT-62-133

SCI - ENGR
JUL 62

204,470

Diaphragmless Pneumatic Pressure Amplifiers, by
A. I. Semikova, V. I. Chernyshev, 9 pp. UNCL

RUSSIAN, per, Avtomat Upravleniye Sbornik Statey,
1960, pp 223-228.

ACSI H-8696
ID 2163941

Sci - Electronics
May 61

151,331

(SF-2275)

AUTOMATION IN USSR, BY G. V. OSIPOV, 16 PP.

RUSSIAN, BK, AVTOMATIZATSIYA V SSSR, MOSCOW,
1961, 7-55.

JPRS 14894

SCI - ENGR, AUTOMATION

AUG 62

208,395

Automation in the Coal and Ore Mining
Industries, by M. N. Gumaryuk, ED. 209 p.
RUSSIAN, bk, Avtomatizatsiya v Ugolnoi i
Gornorudnoi Promyshlennosti, Kiev, 1961.
CFSTI TT-64-11088

Sci-E Sci
Jul 66

305,579

SP-4464

28 Nov 1966

- a.) General Formulation of Problems of Control
at Large Industrial Enterprises ,p 5,
b.) Significance and Character of Scientific
Research Work in Automating Control of an
Industrial Enterprise, p 15, ~~18 by Sergey S. Pigat~~
c.) Work on Automation of Control at a Large
Chemical Combine, p 28 & d) Conclusion
Avtomatizatsiya upravleniya predpriyatiyami
khimicheskoy promyshlennosti, Moscow, 1966
Russian

Special Type "B": Translator's draft plus one

pp- do not mutilate,

511

CR-206/63

Automation in the Coal and Mining Industry, *b.g.*
N. N. Gornorudnyuk, 225 pp.
RUSSIAN, bk, Avtomatizatsiya v tsgol'noy i
Gornorudnoy Promyshlennosti, Kiev, 1961, pp 3-229.

*PL-480

Sci - *Eng*
Jun 63

(To be done under
FY-64 fund - no OTS
number as yet)
OTS 64-11088

IN/134/63
CR-204/63

Automated Check on Use of Equipment, I. I.
Pogromskiy, 3 pp. (~~CR-2711~~)

RUSSIAN, Milet, Avtomatizirovannyi Kontrol'
Ispol'zovaniya Oborudovaniya, ~~1962~~ 1962, pp 14-15.

Moscow
*JPRS/Special/SF-874

USSR
Econ
Jul 63

Automation and Automatic Systems, by G. A.
Shaumyan, 36 pp.

RUSSIAN, by, Avtomaty i Avtomaticheskiye Linii,
3rd Edition, 1961, pp 193-209. 9678086

FTD-TT-62-507

Sci - Engr
Sep 62

209,707

(DC-6632)

Present-Day Simulators of Animal Behavior,
by M. G. Gaaze-Rapaport, 11 pp.

bk,
RUSSIAN, ~~issly~~ ~~Avtomaty i Zhivyye Organizmy~~,
1961, pp 42-48.

JPRS 13421

Sci - Med

192, 121

Apr 62

Investigation of Application of Plastics in
Automobile Construction, by B. I. Rodin,
14 pp
RUSSIAN, per, Avtomobil'naya, No 12, Dec
1964, pp 23-31.
JPRS 29276

USSR
Econ
Mar 65

277,325

Structural Carbon Steels with an Addition
of Boron, 4 pp.

RUSSIAN, per, Avtomobil'naya Promyshlennost,
1946, No 7/8, pp 18, 19. (Loan Copy Only).

SLA R-1884

Sci

Aug 58

71,445

New Cemented Carbide Compositions of Increased
Hardness and Toughness, by M. I. Genzelovich.

RUSSIAN, per, ^{1.8}Zvtomobil'saya Promyshlennost, Nos 9, 10,
1946

Brutcher Tr 1979

Scientific - Min/Metals

\$1.30

13,019

~~13,019~~

Determination of Resistances to the Motion of
a Motor-Car by the Dying-Motion Method, by
V. A. Ilarionov, 13 pp.

RUSSIAN, per, Avto Prom, No 9, 1954, pp 12-15.

Sci Mus Lib Tr 55/3003

Sci Physics

Engineer. 1

30,857

Resistance to Motion of High-Ground-Clearance
Vehicle in Hard Surfaces, by V. I. Knoroz,
Yu. E. Sharikyan,

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp 22-24.

*JPRS for
Army Ordnance
Center Line, Michigan
R-390-N/A-E - C

Sci - Engr

Sep 60

Soroko-Novitskii, V. I.

EFFECT OF ENGINE HEAD MATERIAL ON OCTANE NUMBER REQUIREMENTS OF FUEL. [1962] 13p.

Order from K-H \$16.25

K-H 8598

Trans. of Avtomobil'naya Promyshlennost' (USSR) 1958, no. 1, p. 25-27.

DESCRIPTORS: *Internal combustion engines, *Fuels.

(Materials--Fuels, TT, v. 8, no. 8)

62-22761

I. Soroko-Novitskii, V. I.

II. K-H-8598

III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

Alternating-Current Generators for Buses, Trucks,
and Passenger Cars, by V. I. Vasilavakiy.

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp
28, 29.

OTIA 13

Sci - Engr

Feb 59

80,678

A. Tasks of the Automobile Industry, by D. D. Stakhovych; B. The Motorbus Factory at L'vov, by N. Z. Malyshov, 10 pp.

RUSSIAN, per, Avtomobil Prom, No 1, 1958, pp 1, 2, 39, 40.

ACSI, H-2093

USSR

Ecpn

73, 895

Sep 58

The Choice of Type of Brake Systems for Motor
Trailers, by V. G. Rozanov. UNCL

RUSSIAN, per, Avtomobil Prom, No 2, 1958, pp 1-6.

DSIR LIU RTS 1108
158. Qd.

Sci - Engr
Sep 59

95, 852

The Determination of Crankshaft Bearing
Clearances by Means of Radioisotopes, by
V. P. Lebedev. UNCL

RUSSIAN, per, Avtom Prom, No 3, 1958,
pp 5-8.

DSIR LIJ M.1296

(loan)

Sci - Engr
Apr 60

112,693

Dynamic Loads in Truck Bodies, by M. I. Briskin,
RUSSIAN, per, Avtomobil Prom, No 3, 1958, pp 12-16.

*JPRS for
Army Ordnance
Center Line, Michigan
R-390/N/A-E - B

Sci - Engr

Sep 60

Packing Devices for Gas-Turbine Engine Regenerator;
by I. P. Novozhilov, V. K. Migay, 11 pp.

1103
RUSSIAN, per, Avtomobil Prom, ~~Mar~~ 1958, pp 16-19.

ACSI, H-1966

Sci - Engr

Oct 58

73, 43-0

The Determination of the Resistance to
Movement of a Motor Vehicle, by G. A.
Krestovnikov. USSR.

RUSSIAN, per, Avtom Prom, No 3, 1958,
pp 22-27.

DSIR LNU NPS 1107

15s. Od.

USSR
Econ
Aug 59
Sci - Engr

94, 836

The Atomization of Liquid in a Carburetor as a
Method of Investigating Mixture Formation, by
B. N. Molchanov. UNCL

RUSSIAN, per, Avtom Prom, No 4, 1958, pp 26-28.

DSIR LIU RTS 1110

Sci - Fuels
Jul 59

90,680

A. The Selection of a Type of Hydraulic Reduction Gear, by L. V. Klubov;

B. Low Pressure Tires (Ground Arched Tires), by A. M. Khlebnikov, V. I. Khoros, P. A. Sharkovich,

RUSSIAN, per, Avtomobil'naya Promyshlennost, No 5, 1958, pp 5-10, 26-28.

ACSI, H-2491

Sci - Engr
Mar 59

83,269

Modernized Motor Vehicles of the Ym Yaroslav
Motor Vehicle Plant, by L. N. Sirotkin, 7 pp.

RUSSIAN, per, Avtomobil Prom, No 6, 1958, pp 7-9.

ACBI, H-2194

USSR

Econ

Feb 59

81,523

Il'in, I. N. and Semichastnov, I. F.
DER EINFLUSS DER FORM DER ARBEITSRÄDER AUF
DIE EIGENSCHAFTEN DES EINSTUFIGEN HYDRO-
DYNAMISCHEN WANDLERS (The Influence of the Shape
of the Runners on the Properties of the Single-stage
Hydrodynamic Transmission). 12p. (text in German).
Order from TIB \$2.10

Trans. of Avtomobil'naya Promyshlennost'(USSR) 1958,
no. 6, p. 15-18.

DESCRIPTORS: *Hydrodynamics, Gears, Transmissi-
ons.

(Machinery-Transport, TT, v. 9, no. 6)

62-27192

I. Il'in, I. N.
II. Semichastnov, I. F.
III. Technische Informations-
bibliothek Hannover

Office of Technical Services

PB-

Obtaining the Acceleration Characteristics of an Engine by Dynamometer Stand Testing of an Automobile, by M. I. Iur'ye.

RUSSIAN, per, Avtomobil'naya Promyshlennost, No 8, 1958, pp 22-25.

OTIA 6198

Sci - Eng
Jun 60.

120,820

Research and Experimental Work Carried Out by the
Institutes and Plants of the Motor Vehicle Industry.

RUESTAN, por. Avtomobil'naya Promyshlennost', No 8,
1958, p 47.

OEIA 29

Sci - Engineering, Minerals/Metals
Am 59

90,063

ZIL-157 Three-Axle Truck, by A. G. Zarubin,

17 PP ID 2140248

RUEBIAN, per, Avtomobil Prom, No 10, 1958,
pp 3-8.

ACBI E-478

USSR

con

Mar 60

111,182

System for the Electronic Control of Fuel
Injection, by P. Yu. Livshits, V. E. Kogauer.
UNCL

RUSSIAN, per, Avtomobil Prom, No 10, 1958,
pp 12-15.

DSIR LIU RTS 1109
10s. 03.

Sci - Electron
Sep 59

95, 853

Autobus Bodies Made of Panels, by G. A. Polyshov,
4 pp.

RUSSIAN, per, Avtomobil'naya Pressa, No 11, 1958.

ACBI, H-3739

USSR

Econ

Jul 59

91,645

The Motor Vehicle Industry in 1958, by V. Ya.
Selifanov, 5 pp. USCL

RUSSIAN, per, Avton Prom, No 11, 1958, pp 1, 2.

ACSI H-4785-A
ID 2164468

USSR
Econ
Mar 61

143,716

Automotive Gas Turbine Engines, by Ye. G.
Shumskiy, Ye. A. Dvigateli, 10 pp. UNCL

RUSSIAN, per, Avtom Prom, No 11, 1958, pp 10-17.

ACSI H-4785-B
ID 2164468

Sci - Engr
Mar 61

143,717

The Turbocharging of Motor Vehicle Compression-Ignition Engines, by N. S. Khanin, N. I. Petrov.
UNCL

RUSSIAN, per, Avtomobil Prom, No 11, 1958,
pp 17-21.

DSIR LIU RTS 1271

(12a. 6a.)

Sci - Engr
Dec 59

102,495

Method of Improving the Roadability of Wheeled
Vehicles, by V. B. Lavrent'yev, 6 pp.

RUSSIAN, per, Avtomobil' Prom, No 12, 1958,
pp 13-15.

ACSI, H-3708

USSR

Econ

Jun 59

89,462

Stoving Painted Metal Parts, by M. S.
Tomashpol'skiy.

RUSSIAN, per, Avtomobil Prom, No 12, 1958,
pp 29-33.

DSIR LLU M. 1808
(loan)

Sci - Engr

61-13136 / 28,882

Oct 60

Lakh, Ye. I. TESTS ON SUSPENSIONS OF TWIN-AXLED MOTOR TRAILER TRANSPORTERS (Isputaniya Podvesok Dvukhosenykh Avtomobilnykh Rospuskov). June 61 [11] p. RTS 1871. Order from OTS or SLA \$1.60 61-23027 Trans. of <u>Avtomobil'naya Promyshlennost'</u> (USSR) 1959, no. 1, p. 20-23. DESCRIPTORS: *Cargo vehicles, *Trailers, Transportation, Springs, Tests. (Machinery--Transport, TT, v. 6, no. 5)	61-23027 I. Lakh, Ye. I. II. RTS-1871. III. Department of Scientific and Industrial Research (Ot. Bril.) 180586 Office of Technical Services
---	--

Questions Concerning the Building of Vehicles
With Gas Turbine Engines, by B. S. Falkovich,
I. E. A. Levin, A. P. Kuznetsov, 10 pp.

RUSSIAN, per, Avtomobil Prom, No 2, 1959,
pp 3-6.

ACSI H-6141

Sci - Engineering

Apr 60

114,699

(NY-2300).

Long-Range Planning of Types of Domestic Motor
Vehicles and Their Engines, by O. V. Dybov, 12 pp.

ID 12,3968
RUSSIAN, per, Avtomobil'naya Prom, No 3, 1959,
pp 1-4.

USSR

Econ - Technological - Machinery

Apr 59

ACSL H-4015-
JPRS-1797-N

11/11/1962 PD
11/11/1962

93,364

Toward a Theory of Oscillations of an
Automobile on an Uneven Road, by Ya. M. Pevzner,
24 pp.

RUSSIAN, per, Avtom Prom, No 3, 1959, pp 13-17.

OTIA 8130

Sci - Engr

May 61

151,163

Development of Fatherland's Auto Construction
Within the Decisions of the XXI Congress KPSS,
5 PP. *by N. I. Strokin, ID 2125962*

RUSSIAN, per, Avtomobil Prom, No 4, 1959.

ACBI, H-5013

USSR

Econ, Pol.

104,432

Dec 59

Influence of Equalizer Suspension Upon the Body
Rolling When Vehicle is in Motion,

RUSSIAN, per, Avtom Prom, No 4, 1959, pp 24-32.

*JPRS for
U.S. Army Ord Ars Det
R-435-N

USSR - Econ
Sci-Engr
Nov 60

STEEL, COILED PISTON RINGS IN VEHICLE ENGINES, BY
A. V. ADAMOVICH.

RUSSIAN, PER, AVTOMOBIL PROM, NO 4, 1959, PP 42-45.

NLL M. 3741

SCI - ENGR

OCT 62

214,729

X

The Determination of the Deflection and the size
of the Tire Contact Area With Soft Soil, by
Yd. S. Ageikin, 7 pp.

RUSSIAN, per, Avtomobil Prom, No 5, 1959.

OTIA Tr 3983

Sci - Engr

Sep 59

97,557

Major Tasks of Domestic Motor Vehicle Body
Construction, by Ye. B. Armand, 2 pp. UNCL

RUSSIAN, per, Avtom Prom, No 6, 1959, pp 1, 2.

ACSI H-4780
ID 2166429

USSR
Econ
Apr 61

Egorova, A. P., Umnov, I. A. and others. THE TEMPERATURE FIELD OF CRANKSHAFT BEARINGS. Jan 60. Order from MT f 3 3a MT Trans-84 Trans. of <u>Avtomobil'naya Promyshlennost'</u> (USSR) 1959, no. 6, p. 29-31. DESCRIPTORS: *Bearings, Crankshafts, Tests, Temperature, Automotive industry. (Machinery--Machine Parts, TT, v. 6, no. 6)	61-22752 I. Egorova, A. P. II. Umnov, I. A. III. MT Trans-84 IV. Tollemache, M. de O. (Gr. Brit.) 176640 Office of Technical Services
---	---

Methods and Results of Tests on Steering
Mechanics for Wear, by M. I. Lysov.

RUSSIAN, per, Avtomobil Prom, No 7, 1959,
pp 27-30.

RTS/1511 (DSIR LLU)

167, 489

Sci - Engr

Sep 61

Types of Automotive Electrical Equipment for 1959-1965, by V. I. Shakhovtsev, 9 pp.

RUSSIAN, par, Avtomobil Prom, No 8, 1959, pp 3-5.

ACBI H-5717

USSR

~~EC~~ on

Mar 60

110,445

(SF-2288)

THE USSR MOTOR VEHICLE INDUSTRY 1959-1965,
BY V. YA. SELIFONOV, 22 PP.

RUSSIAN, BKLT, AVTOMOBIL'NAYA PROM' SSSR
V 1959-1965, MOSCOW, 1959, PP 1-32.

JPRS 14975

USSR
ECON
AUG 62

209,199

Kullkov, N. K.
TRACTIONAL BALANCE OF A VEHICLE WITH
ALLOWANCE FOR THE SLIPPAGE OF THE DRIVING
WHEELS. [1960] 9p. (5 figs. omitted) 3 refs.
Order from LC or SLA mi\$1.80, ph\$1.80 61-10310

Trans. of Avtomobil'naya Promyshlennost' (USSR)
1959, no. 9, p. 19-20.

The slipping of the drive wheels influences the tractional balance of an automobile. The allowance for slipping leads to a decrease in the actual speed possible in all gears; this speed is diminished most substantially in the lower gears with high tractional forces.
(Author)

(Machinery--Transport, TT, v. 5, no. 5)

61-10310

1. Vehicles--Performance
 2. Vehicle wheels--Friction
- I. Kullkov, N. K.

147,008

*Proc TIL
T 5120

Office of Technical Services

Mobile Laboratory for Studying Parts Wear by Means of
Radioactive Isotopes, by D. I. Vysotskiy, 7 pp.

RUSSIAN, per, Avtomobil Prom, No 9, 1959, pp 24-26.

ACSI R-6081

Sci - Chem

Mar 60

111,184

Induction Stoving of Painted Metal Parts, by
N. I. Dorofeyeva, N. N. Anyani.

RUSSIAN, per, Avtomobil Prom, No 9, 1959,
pp 35, 36.

DSIR LIU M.1806
(loan)

Sci - Engr

128,884

Oct 60

hermal Pistor Stress in a Two-Stroke Engine With
Carburettor and With Fuel Injection, by B. A.
zerov.

RUSSIAN, per, Avtomobil Prom, No 10, 1959,
p 10-13.

DSIR LLU M.1524
(loan)

OTS 61-13570

cl - Engr

cl 60

128,743

Strength of Connecting Rods, by A. V. Adamovich,
Ya. V. Tikhonirov.

RUSSIAN, per, Avtomobil. Prom. Vol 10, 1959,
pp 19-22.

DISI 7123

sci/ materials

sept 69

390,919

Reasons Which Originate the Unstability of
Trailers,

RUSSIAN, per, Avtom Prom, No 11, 1959, pp 9-12.

*JPRS for
U.S. Army Ord Ars Det
R-434-N

USSR-Econ
Sci-Engr
Nov 60

Rubber Compression Springs for Twin-Axled
Motor Transporter Trailers, by B. I. Lakh.

RUSSIAN, per, Avtomobil Prom. No 11,
1959, pp 25-28.

NLL/RTS 1872

Sci - Engr

Apr 62

193,816

Polish Truck A-80 With 8-Ton Payload, by E.
Savitaki, 4 pp. *ID 2137221*

RUSSIAN, par, Avtomobil Prom, No 11, 1959, pp 38-
39.

ACBI H-5868

EEur - Poland

Icon

Apr 60

111, 915

On Question of Determining Resistance to An
Automobile's Motion, by B. Ya. Gintsburg.

RUSSIAN, per, Avtom Prom, No 12, 1959,
p 29.

ERDL, Ft Belvoir
T-1117

SLR 61-22511

Sci
Jun 61

158, 013

Preparation of Steel Built-Up Tubes by Soldering,
by V. F. Belik,

RUSSIAN, per, Avtom Prom, No 12, ~~XX~~ 1959,
pp 29-30.

ERDL, Ft Belvoir
T-1118

5-741

Sci
Jun 61

158, 011

Engine of the GAZ-13 Chayka, by N. G. Mozokhin,
P. E. Z Syzhin, 12 pp.

RUSSIAN, per. Avtomobil, Prom, No 1, 1960,
pp 4-8.

ACSI II-6310

Sci - Eng
May 60

117,415

AN INVESTIGATION OF A POSITIVE-DISPLACEMENT,
HYDRAULIC DRIVE SYSTEM, BY S. F. KOMISARIK,
N. A. IVANOVSKI,

RUSSIAN, PER, AVTOMOBIL PROM, NO 1, 1960,
PP 19-23.

NLL M.4656

SCI - ENGR

JUN 62

199,116

Method for Computing the Coupling Mechanism Utilizing
Electric Modelling,

RUSSIAN, per, Avtom Prom, No 2, 1960, pp 18-21.

*JPRS for
U.S. Army Ord Ars Det
R-436-H

USSR-Econ
Sci - Engr
Nov 60